

"APPROVED FOR RELEASE: 06/13/2000

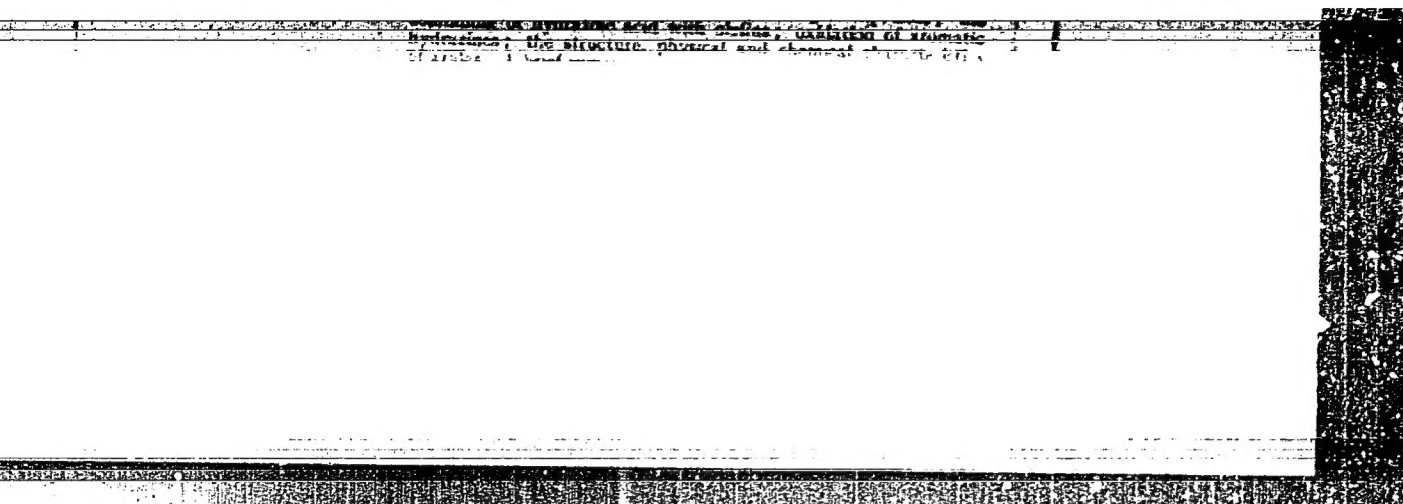
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CHIBUKMAKHER, N.B.; KANTER, F.M.

Inflammatory and suppurative processes in the brain as late sequelae
of open cerebrocranial trauma [with summary in English, p.62].
Vop.neirokhir. 22 no.2:21-26 M-Ap '58. (MIRA 11:4)

1. Respublikanskiy neyrokhirurgicheskiy i psikhonevrologicheskiy
gospital' dlia invalidov Otechestvennoy voyny.
(BRAIN, wounds and injuries,
causing late inflamm. & suppurative comol. (Rus)

~~KANTER, Grigoriy Grigor'evich, inzh.~~; SHAVYRIN, Vladislav
Nikolayevich, kand. tekhn. nauk; ANDREYEV, Nikolay
Khristoforovich, kand. tekhn. nauk; FEL'DMAN, Lev
Semenovich, inzh.; ORLOV, B.D., kand. tekhn. nauk,
retsensent

[Glued and welded joints in the manufacture of machinery]
Kleesvarnye soedineniia v mashinostroeni. Kiev,
"Tekhnika," 1964. 199 p. (MIRA 17:7)

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CIA-RDP86-00513R000520410019-9

TITLE: Present status and prospects of the use of plus and minus signs in algebra

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lithic nature of the structure provides an increase in its fatigue strength, in-

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1. The subject is processed as follows:

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ASSOCIATION: none

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L 06333-67 EWP(c)/EWP(j)/EWP(k)/EWT(d)/EWT(m)/EWP(h)/EWP(l)/EWP(w)/EWP(v)/EWP(t)/

ACC NR: AR6013840

(A, N)

SOURCE CODE: UR/0276/65/000/011/B083/B083

AUTHOR: Kanter, G. G. ETI IJP(c) EM/RM/WW/JD/HM

TITLE: State of the art and future prospects of glued-welded connections in machine construction ¹⁴

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 11B584

REF SOURCE: Sb. Proyektir. svarn. knostruktsiy. Kiyev, Nauk. dumka, 1965, 203-209

TOPIC TAGS: glue welding, metal gluing, spot welding, metal joining

ABSTRACT: Design recommendations for glued-welded connections are presented. The connections represent simultaneous application of two processes--contact welding and metal bonding, using the desirable properties of both. Use of bonded-welded connections instead of riveted ones permits complex automation and mechanization of all elements of the technological process, significantly decreases the power requirements for the work and the weight of the constructions, and improves the working conditions. M. Frolova [Translation of abstract] ²⁶

SUB CODE: 13

Card 1/1 mKE

UDC: 621.757

Summary, No. 1.
"Three-Phase Self-Exciting Inverter." Thesis for
degree of Cand. Technical Sci. Sub 12 Oct 49, Moscow
Order of Labor Red Banner Electromechanical Inst of
Railroad Transport Engineers imeni F. E. Dzerzhinskiy.

Summary 82, 18 Dec 52, Dissertations Presented
for Degrees in Science and Engineering in Moscow
in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

USSR/Electricity - Inverters

Mar 51

"The Theory of the Operation of Multiphase
Power Inverters (Nonself-Regulated) With
Capacitor Commutation," I. I. Kanter, Cand
Tech Sci, Moscow

"Elektrichestvo" No 3, pp 33-40

Proposes formulas for detg the voltage of an
inverter under a reactive load and in various
circuits. Gives an expression for detg the

201726

USSR/Electricity - Inverters (Contd) Mar 51

time required for detionization of the recti-
fiers. Derives formulas for typical power
required of capacitors. Establishes the
functional dependence of transformer power
upon parameters. Submitted 7 May 50.

201726

KANTER, I. I.

KANTER, I. I.

Kanter, I. I., "Regulation of a Direct-current Transformer Without the Use of a Power Rectifier," Traktaty Saratovskogo avtodorozhnogo instituta / Transactions of the Saratov Highway Institute, 1953, Collection 12, Pages 176-190, 7 figures; bibliography, 1 item.

SOV/112-57-6-13146

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 6, p 213 (USSR)

AUTHOR: Kanter, I. I.

TITLE: Static Frequency Converter With an Improved Voltage Curve
(Staticheskiy preobrazovatel' chastoty s uluchshennoy formoy krivoy
napryazheniya)

PERIODICAL: Tr. Saratovsk. avtomob.-dor. in-ta, 1956, Nr 14, pp 400-416

ABSTRACT: To improve the output voltage waveshape of a self-contained inverter, the author suggests using complicated bridge circuits with 12 valves which actually are two simple three-phase bridge inverters, series- or parallel-connected on the DC side, having a common three-winding transformer; the primary (valve) winding of one of these inverters is delta-connected, while that of the other is star-connected. On the basis of the formulae that had been suggested for phase-to-neutral voltages of a three-phase bridge-type inverter (see I. I. Kanter, Elektrichestvo, 1951, Nr 3), formulae were derived for delta voltages, for valve voltage, and for the currents in switching capacitors in case

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SOV/112-57-6-13146

Static Frequency Converter With an Improved Voltage Waveshape

of star connection of the transformer primary; the case of transformer delta connection is also covered. The results obtained serve to plot an output-voltage curve of a complicated bridge circuit. Well-known expressions are cited for the dependence of the output voltage U and loading B of an inverter on its operating frequency f when the inverter is supplying an induction motor under the conditions of: (1) constant power, (2) constant or quadratic torque μ , (3) for the conditions of voltage regulation on the motor terminals according to M. P. Kostenko's formula: $U_2/U_1 = f_2/f_1 (\sqrt{M_2/M_1})$.

V.A.L.

Card 2/2

KANTER, I.I., kand.tekhn.nauk, dotsent

Load-carrying capacity of ion frequency converters. Trudy SADI
no.16 pt.1:220-229 '59. (MIRA 13:11)
(Frequency changers)

S/137/61/000/002/024/046
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1961, No. 2, p. 26 #2E207

AUTHORS: Kanter, I.I., Timofeyev, V. V., Ushakov, Yu. A.

TITLE: A New Circuit of Ion Frequency Changer for Welding

PERIODICAL: "Tr. Saratovsk. in-ta mekhaniz. s. kh.", 1960, No. 20, pp. 33-41

TEXT: Information is given on new circuits of ion frequency changers, employed for feeding welding tongs with built-in transformer, and multi-spot resistance welding machines, for the purpose of reducing the dimensions of transformers. For the feed of welding tongs a single-phase circuit is recommended and a 3-phase circuit for multi-spot machines. The operation of the circuits is analyzed in detail. Experimental investigation was made on the single-phase circuit with a 13 kvamp transformer and 300 cycles operational frequency. The secondary winding of the transformer was fastened to the holders of the MTP-25 (MTR-25) machine. The tests have shown that the transformer assures reliable welding of up to 3 mm thick St.3 steel sheets. Minimum duration of pulses is 0.01 sec.

Translator's note: This is the full translation of the original Russian abstract.
A. P.

Card 1/1

S/194/62/000/002/051/096
D273/D301

AUTHORS: Kanter, I. I. and Tarasov, I. S.

TITLE: Application of matrix algebra to computing frequency converters

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-5-4s (Tr. Saratovsk. in-ta mekhaniz. s. kh., 1961, no. 24, 21-27)

TEXT: Ionic converters are generally used for increasing or controlling the frequency of supply of cookers, induction heating setups and other apparatus. Calculation of multiphase converters is extremely complicated because in solving differential equations it is necessary to find a large number of constants of integration. A method is described for calculating the voltages in the units of converters using quadratic matrices of the second degree. The method gives an account of the application to a bridge ionic inverter. Formulas are given for phase potentials. [Abstracter's note: Complete translation.]
Card 1/1

KANTER, I.I., kand.tekhn.nauk; TIMOFEYEV, V.V., inzh.; USHAKOV, Yu.A., inzh.

Ionic frequency converter circuit with four rectifiers for
electric welding apparatus. Vest. elektroprom. 32 no.12:45-
47 D '61.

(MIRA 14:12)

(Electric welding)
(Frequency converters)

KANTER, I.I., inzh.; GOLEMBIOVSKIY, Yu.M., inzh.; MAZIN, B.A., inzh.

Three-phase bridge-type transistor frequency converter.
Elektrotehnika 34 no.10:64-68 0 '63. (MIRA 16:11)

VAPRA, A.N.; KANTER, Kh.A. [Kanter, H.] (Tartu)

Treatment of obesity with gradicin and dexphenmetrazine. Klin.
med. 41 no.2:122-125 F'63 (MIRA 17:3)

1. Iz kafedry gosital'noy terapii (zav. kand. med. nauk L.T.
Pyay [Pai, L.] Tartuskogo gosudarstvennogo universiteta i Tarruskoy
respublikanskoy klinicheskoy bol'nitsy (glavnyy vrach M.O.Boston).

KANTER, K. R.

KANTER, K. R.: "Research on the thermal properties of wood pulp". Moscow, 1954. Min
Higher Education USSR, Moscow Forestry Engineering Inst. (Dissertation for the Degree
of Candidate of Technical Sciences)

SO: Knizhnaya Letopis', No. 40, 1 Oct 55

KLEPÄR, K.R., kandidat tohnicheskikh nauk.

Thermal properties of wood. Dor.prom. 6 no.7:17-18 J1 '57.
(MLPA 10:8)

1.Sibirskiy lesotekhnicheskii institut.
(Wood--Testing)

Kanter, K. R.

AUTHOR: Kanter, K.R., Candidate of Technical Sciences. 96-1-19/31

TITLE: On the Determination of the Thermal-physical Coefficients of Materials by means of Instantaneous Heat Source Methods (K voprosu ob opredelenii teplofizicheskikh koeffitsientov materialov pri pomoshchi metodov mgnovennogo istochnika tepla)

PERIODICAL: Teploenergetika, 1958, Vol.5, No.1, 74 - 76 (USSR).

ABSTRACT: Absolute methods of determining the thermal-physical coefficients of materials were first developed by A.F. Chudnovskiy and V.Z. Bogolmolov. Comparative methods were developed by V.L. Shevel'kov for powdered materials and by M.V. Kulakov for solid thermal insulating materials. In the absolute method a thin plane heating surface is introduced into the material and the temperature difference between points in the material is measured by a differential thermocouple. Electric current is passed through the heater for a short time and a heat wave passes down the material. Formulae used in the calculation of the thermal constants of the material are given. The comparative method differs from the absolute method in that it employs a standard material of known thermal characteristics. The formulae used in this method are also given. The two methods can be improved and combined, by means which

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96-1-19/31

On the Determination of the Thermal-physical Coefficients of Materials by means of Instantaneous Heat Source Methods.

are explained. If the temperature is recorded from the boundary between the standard material and that under test, the coefficient of temperature conductivity is determined by the formulae of the absolute method and is, therefore, more accurate. The experimental time is shorter and a simpler expression can be used for the thermal conductivity. A diagram of the set-up for the improved method is given in Fig. 4. There are two thermocouples in the material, the inner one is used to determine the thermal coefficients of the standards and the outer one the thermal coefficients of the material under test. The installation has been described in more detail in "Zhurnal Tekhn. Fiziki", 1955, no.3. There are 4 figures and 4 Slavic references.

ASSOCIATION: Siberian Timber Technical Institute (Sibirskiy lesotekhnicheskikh institut)

AVAILABLE: Library of Congress
Card 2/2

KANTER, K.R., kand.tekhn.nauk

Substantiation of N.I.Mertsalov's method for determining inertia
moment of a flywheel. Izv.vys.ucheb.zav.; mashinostr. no.6:5-10
'62. (MIRA 15:11)

1. Krasnoyarskiy institut tsvetnykh metallov im. M.I.Kalinina.
(Moments of inertia)

CHERNYAYEV, I.I.; ZHELIGOVSKAYA, N.N.; KANTER, T.M.; BEZZUBENKO, A.A.

Possibility of transeffects in complex compounds of bivalent copper.
Zhur.neorg.khim. 7 no.3:472-478 Mr '62. (MIRA 15:3)
(Copper compounds)

KANTER, Ts.A.; KUSINOVA, O.V.

Meteorological characteristics of fronts. Trudy TSNIGMA no.1:5-33 '50.
(MIRA 6:9)
(Meteorology)

KANTER, Ts. A.

"Review of N. I. Zverev's "The Storm Wind in the South of the European Territory of the USSR During 9-14 November 1952".
Meteorol. i gidrologiya, No 5, p 60 1954.

The reviewer notes the inaccuracies that lead to misunderstandings. He claims that the theoretical statements either are not supported by data or are illustrated by data not reflecting the process under consideration during the period of its development. The causes of the storm remain un-clarified, in the reviewer's opinion. (RZhGeol, No 7, 1955)

SO: Sum No 884, 9 Apr 1956

KANTER, Ts. A.

AUTHOR: Kanter, Ts. A.

TITLE: Glazed Frost in the Saratov Region (Gololed v Saratovskoy oblasti)

PERIODICAL: Meteorologiya i Gidrologiya, 1957, No. 2, p. 29 (U.S.S.R.)

ABSTRACT: Great glazed frost deposits occurred in the Saratov region from 20-29 December 1954, causing 7,000 breaks in communication lines and snapping 1,000 poles. This weather was connected with the extrusion of a cyclone from the south; for 3 days, the region was ahead of a warm front. From 20-24 December, t° rose from -7 to $+3^{\circ}$; inversions were recorded on emagrams to heights of 1000-1500 m. in which t° at upper boundaries ran from 0 to $+4^{\circ}$, while at the earth's surface, they were not over 0 - 1° . The main deposit of ice came from the windward side (wind was strong southerly) and the liquid precipitation in the near-ground layer became supercooled, producing compact ellipsoidal ice, leaving a deposit which varied in thickness from place to place, e. g., 20-25 mm. in the city of Saratov, 100-110 mm. at the local airport on a south slope, 400-500 mm. at Kumsynaya Polyana at the city outskirts (in one case, 32 kg. of ice

Card 1/2

Glazed Frost in the Saratov Region

were taken from 1 meter of line). Karabulak recorded 117 mm., Petrovsk, 55 mm., and Khvalynsk, 22 mm. Variations in amounts were attributed to such factors as elevations of stations and abruptness of slopes, as well as degree of protection from prevailing wind at time of storm. A southern and southeastern flow proved glaze-producing for the Saratov region.

No authors are referenced and there are no illustrations in text.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE:

Card 2/2

KANTER TS. A.

3(a)

INVESTIGATION OF THE

1. Always sign and date at bottom of each sheet clearly

Manuscript number 90-4186, No. 2 (Collection of Articles on Synopses, No. 2)
Translated, 44 Grammatika, 1958. 157 p. 2,500 copies printed.

Mr. (Hills) says: **G. B. Sawyer, M.D.** **(Dartmouth)**; **H. V. Greening, Teach. M.C.**
A. H. Sawyer,

REMARKS: This collection of articles is intended for specialists.

contents). The book contains 12 abridged articles written by prominent investigators of the weather system, the thermosphere, and the meso (air) boundary of the Civil Air Patrol. All references deal with the local area in the development of atmospheric processes and weather. There are no generalizations included. There are 35 references; 24 longer and 1 shorter.

100

John, Jr., a University Weather Bureau, Graduate, is the Superintendent of the Arsenal and is August, 1939

Section 2. A. (Barney Edmund Brown), Local Conditions of Glass
Removal in the Barony Region

Appendix, B. 3. [Expenditure Patterns], Conditions of Glass Production in the European Region

2. *P. (Myoporum) laevis* (Thunberg), *Myoporum laevis* (Thunberg) (Lacepede)
and *Myoporum laevis* (Thunberg) (Lacepede) (Lacepede)

Deposited by, and for, S. Peters, [Helen, Plaintiff herein], Private in the Infantry Regt.

Attesting, Y. & Co. [lawfully sworn Agents] Presents to the said Judge
 the following: Library of Congress

Case 3/3

2003

KANTER, TS.A.

Local conditions influencing the formation of glazed frost in
Saratov Province. Sbor.rab.po sinop. no.2:87-96 '58.

(MIRA 12:6)

1. Saratovskaya gidrometyuro.
(Saratov Province--Ice)

AUTHOR: Kanter, Ts.A. SOV-12-90-4-18/22
TITLE: Tornado in the Saratov Oblast (Tromb v Saratovskoy oblasti)
PERIODICAL: Izvestiya Vsesoyuznogo geograficheskogo obshchestva, 1958,
Vol 90, Nr 4, p 393 (USSR)
ABSTRACT: The author describes a tornado observed in the Saratov Oblast
in May 1952.
1. Tornadoes--USSR

Card 1/1

L 54724-05 EEO-2/ENG(f)/PSS-2/ENG(r)/EWT(1)/ES(v)-3/EEG(k)-2/ENG(v)/EWA(d)/
EWA(c) Po-4/Pa-5/Pa-4/Pac-4/Paa-2/P1-4

TOPIC TAGS: Vostok 5, Vostok 6, space flight, biological effects, plant physiology,
histochemistry, plant growth

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starch, and sugar, but showed increased activity of polyphenol oxidase and cytochrome oxidase. These peculiarities are due to more intense growth of the seed leaf.

L 47114-66 EWT(1) GW

ACC NR: AR6019875

SOURCE CODE: UR/0169/66/000/002/B035/B035

AUTHOR: Kanter, Ts. A.

6β

TITLE: Certain characteristics of geopotential fields

SOURCE: Ref. zh. Geofizika, Abs. 2B241

REF SOURCE: Sb. Vopr. klimata i pogody Nizhn. Povolzh'ya. Vyp. 1. Saratov, Saratovsk. un-t, 1965, 29-39

TOPIC TAGS: geopotential field, annual variation

ABSTRACT: The annual variation of areas bounded by various isohypses of surfaces AT-700, AT-500, AT-300, and AT-100 is investigated. Areas, bounded by isohypses with cyclonic and anticyclonic curvatures are taken into consideration with opposite signs. It was established that an area bounded by the middle line of a planetary altitude frontal zone did not change in time or with altitude. L. Rukhovets. [Translation of abstract] [NT]

SUB CODE: 04/

Card 1/1 hs

UDC: 551.547.3

KANTER, V. M. DOCENT

PA47783

Neurology - Nervous System
Diseases - Diseases Jan 1948

"Characteristics of Acute Nervous Infections According to Data of Khar'kov Clinic of Nervous Diseases over Period of Eight Years," Docent V. M. Kanter, Clinico Nervous Diseases, Ekaterovsk Med Inst, 5 pp

"Neuropat i Psichiat" Vol XVII, No 1

Data obtained by author in clinical experiments to study infectious diseases of the nervous system. Article introduces apparently a series of articles that will be published on this collected data. He hopes, in the future, to write articles on the same.

Neurology - Nervous System (Contd) Jan 1948

Dividual forms of nerve diseases that he studied. Submitted for publication, 20 Oct 1947. Deputy of Khar'kov Clinic of Nervous Diseases; Prof L. Ya. Smolicher.

4783

KAMEN, V. I.

36958. Kozhevnikovskaya epilepsiya. (Kritike nekotorykh sovrem. kontseptsiy).
Nevropatologiya i psikiatriya, 1949, No. 6, c. 31-33

50: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

USSR/Virology - Viruses of Man and Animals. Viruses of Transmittable Infections.

E

Abs Jour : Ref Zhur Biol., No 6, 1959, 23804

Author : Kanter, V.M.

Inst : Khabarovsk Medical Institute

Title : On the Problem of Intrauterine Infection with Acarid-Bite Encephalitis.

Orig Pub : Tr. Khabarovskogo med. in-ta, 1957, sb. 15, 127-129

Abstract : 2 cases of intrauterine infection with acarid-bite encephalitis are described. In one of them, the mother (7th month of pregnancy) perished. A hisotlogical examination of the brain of mother and fetus revealed changes characteristic for acarid-bite encephalitis. The virus was isolated from the placenta and the brain of the fetus. In a second case, in a mother who

Card 1/2

USSR/Virology - Viruses of Man and Animals. Viruses of
Transmittable Infections.

Abs Jour : Ref ZhurDiol., No 6, 1959, 23804

contracted the disease in the 9th month of pregnancy,
the new born infant suffered hemiparesis of the right
side with athetosis of the right hand. Speculations
regarding the allergic nature of the encephalitis in
the latter case are cited. -- B.K. L'vov

Card 2/2

- 12 -

EXCERPTA MEDICA Sec 8 Vol 12/8 Neurology Aug 59

3836. METASTATIC CEREBRAL ABSCESES (Russian text) - Kanter V. M. -
ZH. NEVROPAT. I PSIKHIAT. 1958, 58/5 (555-559) Table 2
Report on 27 cases of metastatic cerebral abscesses 22 of which showed a purulent
pulmonary process. The correct diagnosis was made in only 12 cases, while it was
uncertain in the other 15, because the results of the clinical and anatomical examin-
ations did not agree. Five of these cases gave the impression of a cerebral tumour,
2 of a tubercular meningitis. In 8 cases in which the basic disease could not be

3836

diagnosed, the cerebral complication could only be determined after death. In 9 cases the disease lasted only one month, in 12 cases 2-3 months. Of the neurological symptoms both the meningitic symptoms and the symptoms of a local epilepsy were present. Operative treatment was not successful, so that all but one case ended fatally. Autopsy revealed the purulent foci in the cerebral hemispheres. Particular attention was paid to the differential diagnosis of glioblastoma whose development can give the impression of metastatic cerebral abscesses. The patient should be operated upon as soon as possible, since any delay can cost the patient his life.

Dimitrijević - Sarajevo (VIII, 5, 16)

VERETA, L.A.; KANTER, V.M.

Studies on tick-borne encephalitis of nutritional origin in
Khabarovsk Territory. Vop. virus. 5 no. 2:199-204 M~~S~~-S '60.

(MIRA 14:4)

1. Khabarovskiy institut epidemiologii i gigiyeny i kafedra nervnykh
bolezney Khabarovskogo meditsinskogo instituta.

(MILK—MICROBIOLOGY)

(Khabarovsk Territory—encephalitis)

KANTER, V.M.

Amyotrophic lateral sclerosis and tick-borne encephalitis. Trudy
Khab.med.inst. no.20:104-107 '60. (MIRA 15:10)

1. Iz kafedry nervnykh bolezney (zav. dotsent V.M.Kanter)
Khabarovskogo meditsinskogo instituta.
(AMYOTROPHIC LATERAL SCLEROSIS) (ENCEPHALITIS)

KANTER, V.M. (Khabarovsk)

Certain hyperkinetic syndromes in tick-borne encephalitis. Zhur.
nerv. i psikh. 61 no. 1:48-51 '61. (MIRA 14:4)
(ENCEPHALITIS) (EPILEPSY)

KANTER, V.M.

Abstracts. Sov. med. 28 no.9:147 S '65.

(MIRA 18:9)

1. Klinika nervnykh bolezney Khabarovskogo meditsinskogo instituta.

KANTERMAN, I.L.

Surgeon's tactics in surgical diseases in elderly persons with diabetes. Trudy Inst. im. N.V. Sklif. 9:99-102 '63.

(MIRA 18:6)

1. Iz khirurgicheskogo otdeleniya Moskovskoy gorodskoy klinicheskoy bol'nitsy No.60 (zav. otdeleniyem - B.S. Titov).

Kanterman, L. B.

AUTHORS: Afonin, A.A. and Kanterman, L.B.

65-7-12/14

TITLE: From Experience of the Kuybyshev Refinery (Iz opyta Kuybyshevskogo neftepererabatyvayushchego zavoda)

PERIODICAL: Khimiya i Tekhnologiya Topliva i Masel, 1957, No.7,
pp. 63 - 65 (USSR)

ABSTRACT: The organisation of work on improvement of instrumentation and automation on the refinery by the works' technical staff is outlined. The poor quality of manufacture of instruments in the USSR is stressed.

ASSOCIATION: Kuybyshev Refinery (Kuybyshevskiy neftepererabatyvayushchiy zavod)

AVAILABLE: Library of Congress
Card 1/1

AUTHORS: Kanterman, L.B.; Dukhan, B.S.; Ivanov, P.G. SOV/65-58-5-10/14

TITLE: Automatic Distillation Apparatus. (Apparat dlya avtomaticheskoy razgonki)

PERIODICAL: Khimiya i Tekhnologiya Toplivo i Masel, 1958, Nr 5, pp 57-60 (USSR)

ABSTRACT: Fractional composition at the beginning and end of the distillation is one of the most important indicators of the properties of many petroleum products. The automatic universal apparatus AFR, designed by members of TsZL in Irkutsk, and further modified by KB ANZ, and the semi-automatic simplified apparatus, constructed by members of the Ufa Oil Refinery, have been described in earlier publications. The automatic simplified apparatus described below is used for the distillation of petroleum products, and was designed and constructed by members of the KIP and TsZL of the Kuybyshev Petroleum Refinery. It is intended for use in industrial plants for the analysis of petroleum distillates. The analysis is carried out automatically every thirty minutes, and registered on an electronic potentiometer. Results of the analysis obtained at increased rates of distillation were found to be

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Automatic Distillation Apparatus

SOV/65-58-5-10/14

comparable to results of analyses according to GOST 2177-48 (accuracy $\pm 2\%$). Figs. 1 and 2 give the cross-section and photograph of the apparatus respectively. The apparatus comprises a measuring device and pneumatic supply, the distillation apparatus itself, a pneumatic electric time relays, a photo-electric relays, an electronic potentiometer, and a fireproof safety guard. The apparatus is mounted in a metallic case (1800 x 900 x 600 mm). Details of the working of the apparatus are given which was constructed out of standardized parts when using a photo-electric system. The apparatus was tested for several months in the laboratories and in the plant AVT where some improvements in the design were carried out. However, the principle design, as well as the basic construction of the apparatus, were satisfactory. Further modifications, when using a photo-electric system, are investigated in the Department for Automation and Telemechanics of the Kuybyshev Industrial Institute (Kafedra avtomatiki i telemekhaniki Kuybyshevskogo industrial'nogo instituta). There are 3 Figures.

ASSOCIATION: Kuybyshev Petroleum Refinery (Kuybyshevskiy neftepererabatyvayushchiy zavod).

Card 2/2

KANTERMAN, S
KANTERMAN, S.

Analysis of profits from products sold; on the agenda. Bukhg.
uchet 24 no. 4: 31-36 Ap '57. (MIRA 10:12)
(Profit)

KANTERMAN, S.

SLIPCHENKO, P. (Stalino); KANTERMAN, S. (Stalino).

Machine accounting of payments from tenants. Bk'g. uch. 15 no. 8:42-
45 Ag '56. (MIRA 9:10)

1. Glavnyy bukhgalter tresta "Stalinshakhtostroy" (for Slipchenko).
2. Machal'nik MEB (for Kanterman).
(Rent) (Municipal services) (Machine accounting)

KANTI, Renzo, technikus; KARAI, Imre, technikus

Prefabricated instrument boxes of medium-voltage prefabricated switchgears. Villamossag 11 no.12:364-367 D'63.

1. Villamos Allomasszerelo Vallalat.

KANTIMULINA, N.V.

Visual after-images in neurological patients with varying localizations of the foci in the brain. Vop.psikh.i nevr. no.7:322-330 '61. (MIRA 15:8)

1. Iz 6-y nevrologicheskoy kliniki (nauchnyy rukovoditel' doktor med.nauk G.Z.Levin) Psikhonevrologicheskogo instituta imeni V.M. Bekhtereva (dir. - chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR prof. V.N.Myasishchev).
(BRAIN--DISEASES) (AFTER-IMAGES)

KANTIMULINA, R. K., Cand of Med Sci -- (diss) "Pathological Reflexes
during Engina Pectoris and Myocerdial Infarction," Kuybyshev, 1959,
12 pp (Kuybyshev State Medical Institute) (KL 4-60, 124)

117 AND 118 OPPLER										119 AND 120 (OPPLER)									
PROCESSES AND PROPERTIES INDEX																			
<div style="display: flex; justify-content: space-between;"> N 2 </div> <p>2000 Roentgenotherapy of Chronic Tonsillitis. Ya. B. Kaplan and A. V. Kozlov. <u>Vestnik. Otol. i L. S.</u> 66-7(1949)(in Russian).</p> <p>The results of the x-ray treatment of 100 patients with chronic tonsillitis are presented. The radiations were delivered by a 60-kv machine, through a filtration of 3 mm Al and 0.5 mm Cu, at a target distance of 30 cm; the first dose was 107.5 r delivered to one side of the neck, followed by a similar dose the succeeding day to the other side of the neck and continued for a period of 8 to 10 days, or until each field received 750 r. Eighty of the patients received one course, and 22 received a second course; in 90 of the patients the swelling was reduced, and the results in general were very good. It is concluded that in most cases of tonsillitis, and especially when operation is contraindicated, this method of treatment is very satisfactory, painless, given quick results, and leaves the tissue intact for further use. A further study is in progress.</p>																			
45B-56A METALLURGICAL LITERATURE CLASSIFICATION																			
EDOM DIVISION										EDOM DIVISION									
LARGE										LARGE									

KANTIN, A.V.
~~KANTIN, A.V.~~

Radiotherapy of so-called Paget's cancer of the breast. Trudy AMN
SSSR 21 no.4:49-56 '52. (MIRA 10:8)

1. Iz khirurgicheskogo otdeleniya (zav. - zasl. deyatel' nauki prof.
V.A.Shaak) Tsentral'nogo rentgenologicheskogo, radiologicheskogo i
rakovogo instituta Ministerstva zdavookhraneniya SSSR (dir. - zasl.
deyatel' nauki prof. M.I.M.Nemenov [deceased])

(BREAST, neoplasms,

Paget's dis., radiother.)

(RADIOTHERAPY, in various diseases,

Paget's dis. of breast)

1. KANTIN, A. V.; SHAAX, V. A.

2. USSR (600)

4. Serednitskiy, A. M.

7. Discussion on Serednitskiy's article "Method of excision and plastic surgery in cancer of the lower lip, Vest. khir., 72, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KANTIN, A. V.

Radium - Therapeutic Use

Radiosurgery of cancer and of papilloma of the bladder; preliminary report. Vest.
rent. i rad. No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

KANTIN, R. V.

MD during radiotherapy. L. F. Larionov and A. V. Kantin. *Vestnik Rentgenol. i Radiol.* 1955, No. 1, 9-16. *Histochem.*
NU study was made on 30 human lip carcinoma biopsies during therapy with R4. Additional studies were made employing an ultraviolet microscope for characterization of nucleic acids. The first changes in the course of radiotherapy are observed in deoxyribonucleic acid of the tumor cells, followed by changes in ribonucleic acid of cytoplasm and nucleoli. Pictures obtained during histochem. studies are reflections of changes in nucleoproteins and of alterations in ex-chem. changes in nucleoproteins and of alterations in ex-change reactions. These changes, in turn, are reflected in lowered survival capacity of tumor tissue, leading to its destruction. Nucleoproteins play an important role in the prevention of therapy of tumors by irradiation. J. A. Stekol' 1

Cent. Sci. Res. Roentgeno-Radiological Inst., Min Health USSR

KANTIN AV; LARIONOV, L. F.

"Cytochemical Research on Nucleoproteins in Carcinomas of Lips After Radiotherapy," by L. F. Larionov and A. V. Kantin, Voprosy Radiobiologii (Problems of Radiobiology), Leningrad, 1956, pp 280-290 (from Referativnyy Zhurnal -- Khimiya, Biologicheskaya Khimiya, No 24, 25 Dec 56, p 105, Abstract No 23711

Histochemical studies of small slices of cancerous neoplasms removed from the lips of 30 patients during various stages of therapy by radon indicate that penetrating radiations cause changes mostly in the cancerous cells that are rich with nucleoproteins located in the periphery of cellular complexes and in the zone of infiltration of the underlying tissues.

The authors think that these changes occur as a result of splitting bonds between proteins and desoxyribonucleic acid in nuclear nucleoproteins. Normal cells surrounding the tumor suffer much less.

Sum. 1287

Name: KANTIN, Abram Vladimirovich

Dissertation: Cancer of the lip and its treatment
with radium and radioactive cobalt
(clinical-morphological study)

Degree: Doc Med Sci

Affiliation: /Not indicated/

Defense Date, Place: 23 Jan 57, Council of Central
Scientific-Research Roentgeno-radio-
logical Inst of the Ministry of
Health USSR

Certification Date: 15 Jun 57

Source: BMVO 16/57

EXCERPTA MEDICA Dec. 16 Vol. 6/5

LENGRAD

1957

KANTIN, A. V.

2002. Radiation lesions of the lung and pleura in roentgen and gamma-therapy of breast cancer (Russian text) RABENOVICH R. M. and KANTIN A. V. Roentgen-Radiol. Inst., Leningrad Vop. Onkol. 1957, 3/6 (711-719) Illus. 7

In 31 out of 49 irradiated breast cancer patients pathological changes of the lung tissue were found. Changes of the first type are radiation lesions that were noted in 26 patients. These changes were seen only after many courses of radiation. In these cases the appearance of linear shadows, the alteration of the lung pattern and emphysema were noted roentgenologically. Changes of the second type (5 cases) are interstitial pneumonia soon after radiation and they are due to infection. Radiation lung changes depend not only on radiation doses and technique of radiation but also on a number of biological states (age, general condition, previous pathological lung changes and so on). The majority of radiation lung lesions were asymptomatic. They were found during systematic roentgenological examination of the patients.

KANTIN, A.V., OPRYSKO, N.O.

Cure of long duration in a case of neurinoma of the thoracic cavity treated by X rays [with summary in English]. Vop.onk. 4 no.1: 105-107 '58. (MIRA 11:4)

1. Iz radiokhirurgicheskogo otdeleniya (zav. - dots. K.M.Chochia) Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdoravookhraneniya SSSR (dir. - prof. M.M. Pobedinskiy). Adres avtorov: Leningrad, ul. Rentgena, d.6.

(THORAX, neoplasms,
neurinoma, x-ray ther. & 9-year follow-up (Rus))
(NEURINOMA, therapy,
thorax, x-ray, 9-year follow-up (Rus))
(RADIOTHERAPY, in var. dis.
neurinoma of thorax, 9-year follow-up (Rus))

KANTIN, I.V. (Leningrad, P-22, Bol'shoy pr., d.98, kv.51)

Interstitial use of radioactive cobalt in cancer and precancer of the breast. Vop.onk. 5 no.5:576-582 '59. (MIRA 12:12)

1. Is radiokhirurgicheskogo otdeleniya (sav. - dots. K.N. Chochia Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdavookhraneniya SSSR (dir. - prof. M.N. Pobedinskiy).

(BREAST NEOPLASMS, ther.

radiocobalt in cancer & precancerous states, interstitial admin. (Rus)

(COBALT, radioactive

ther. of cancer & precancerous states of breast, interstitial admin. (Rus))

KANTIN, A-V

69

PHASE I BOOK EXPLOITATION

BOV/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strashinin, Eds.

Voprosy radiobiologii. t. III: Sbornik trudov, posvyashchenny 60-letiyu so dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Biology. v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor M[ikhail] N[ikolayevich] Pobedinskiy [Doctor of Medicine]) Leningrad. Tsentr. n-issl. in-t med. radiologii M-va zdavookhrananiya SSSR, 1960. 422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis, and therapy of radiation diseases. Individual articles describe investigations of the biological effects of radiation carried out by workers of the Central Scientific Research Institute for Medical Radiology of the Ministry of Public Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdavookhrananiya SSSR] during 1958-59. The following

Card 1/10

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Problems in Radiation Biology (Cont.)

80V/5435

topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation disease; and reparation and regeneration of tissues injured by irradiation. Some articles give attention to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles.

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Card 6/10

Problems in Radiation Biology (Cont.)

807/5435

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Funshteyn, L. V. On Morphogenesis in Experimental Acute Radiation Sickness

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Funshteyn, L. V., and E. I. Shcherban'. On the Phagocytic Capability of Some Segments of the Reticuloendothelial System Following Whole-Body X-Ray Irradiation of White Mice

272

Ochinskaya, G. V., and L. V. Funshteyn. Morphologic Changes in Internal Organs of Pregnant Animals Subjected to Whole-Body Irradiation

281

Kholin, V. V. Comparative Data on Injury to the Spleen in Acute Radiation Disease, Depending on Age of the Animals

288

Card 7/10

KANTIN, A.V.; STRASHININ, A.I.; CHOCHIA, K.N.

Use of radioactive gold for the treatment of some malignant neoplasms;
preliminary report. Med. rad. 5 no.8:9-12 '60. (MIRA 13:12)
(CANCER) (GOLD--ISOTOPES)

KANTIN, A.V.; KACHUR, L.A.; LAPCHENKOV, V.I.; CHOCHIA, K.H.

Preoperative irradiation in cancer of the breast by intra-tissular administration of colloidal radioactive gold.
Med.rad. no.1:24-32'63. (MIRA 16:10)

1. Iz radioonkologicheskogo i radiologicheskogo otdelov
Tsentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR.
(GOLD ISOTOPES—THERAPEUTIC USE)
(BREAST—CANCER)

MANOYLOV S.V.; KANTIN, A.V.; VOSKOBOYNIKOV, G.V.; GERASIMYAK, T.G.;
NIKONOVA, O.N.; SHIN'-VEY-CHAON

Electrophoretic analysis of blood serum proteins in malignant
tumors before and following treatment. Vop. onk. 11 no.2:74-77
'65. (MIRA 18:7)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radio-
logicheskogo instituta Ministerstva zdravookhraneniya SSSR
(direktor: Ye.I. Vorob'yev).

PETROV, Yu.V.; KANTIN, A.V., prof.; CHERNOMORDIKOVA, M.F.

Minutes of the Society of Oncologists of the City of Leningrad
and Leningrad Province for meeting No.78 on May 9, 1963. Vop.
onk. 9 no.11:119-122 '63. (MIRA 18:2)

BELYAYEV, N.V.; ASSONOV, A.D., kand. tekhn. nauk, ratsenzent;
KANTIN, Ya. A., inzh., red.; STEPANCHENKO, N.S., red. izd-
va; GORDEYEVA, L.P., tekhn. red.

[Induction heating practices in forging] Praktika induktsion-
nogo nagreva v kuznechnom proizvodstve. Moskva, Mashgiz,
1963. 149 p. (MIRA 17:1)

Kantina E. A.
REMOVA, Ye. S., KANTINA, E. A.

Use of a new antispastic drug chloracon in the treatment of epilepsy.
[with summary in French]. Zhur.nevr. i psikh. 58 no.2:171-176 '58,
(MIRA 11:5)

1. Institut psikhiiatrii (dir. - prof. V.M. Banskchikov) Ministerstva
zdravookhraneniya RSFSR i kafedra nervnykh bolezney (zav. - prof.
Mikhayev) Moskovskogo stomatologicheskogo instituta.

(EPILEPSY, therapy,
chibicon (Rus))
(MUSCLE RELAXANTS, ther. use,
chibicon in epilepsy (Rus))

Abstract: Following the treatment of 53 patients with epilepsy of various etiology
by chloracon (3-6 g. daily for adults), sometimes in conjunction with luminal, the
attacks ceased in 12 patients, and in 26 they became less frequent. At the same
time, the patients' behavior and psychic condition improved. No complications were
noted.

KANTINA, E.A.

Inquiry to the spinal cord lesions due to electricity. Sov.med.
22 no.6:116-118 Je '58 (MIRA 11:9)

1. Is kliniki nervnykh bolezney (nauchnyy rukovoditel' -prof.
V.V. Mikheyev) Moskovskogo meditsinskogo stomatologicheskogo instituta
i nervnogo otdeleniya gorodskoy klinicheskoy bol'nitsy imeni A.A.
Ostroumova.

(ELECTRICITY, inj. eff.
spinal cord inj. (Rus))
(SPINAL CORD, wds & inj.
electrical trauma (Rus))

KHIZHENYAK, P.D., glavnyy red.; GLAZOV, G.A., zam.glavnogo red.; BLYUMBERG, V.A., red.; VASIL'KOV, B.A., red.; GLUSHKOV, A.T., red.; ZHOLOBOV, V.V., red.; KAMNEV, P.V., red.; KANTYEV, N.M., red.; KISELEV, M.I., red.; KOSTYGOV, I.M., red.; MOISEYEV, A.A., red.; NOVIKOV, A.P., red.; SIMIN, S.A., red.; CHERNYSHEV, P.S., red.; SHAOURIN, K.A., red.; SHUB, I.Ye., red.; DEMENT'YEVA, I.K., red.; SEMENOVA, A.V., tekhn.red.

[Experience of mechanical engineers; technical information publication] Opyt mashinostroitelei; informatsionno-tekhnicheskiy sbornik. Leningrad, Sovet nar.khoz.Leningr.ekon.administrativnogo raiona. Tsentr.biuro tekhn.informatsii, 1960. 88 p.

(MIRA 13:11)

(Mechanical engineering)

KANTIYEV, N.

Kirev Machinery Plant promotes technological development.
NTC 3 no.12:12-14 D '61. (MIRA 15:1)

1. Predsedatel' sojeta nauchno-tehnicheskogo obshchestva
Kirovskogo zavoda, zastitel' glavnogo inzhenera Leningradskogo
Kirovskogo zavoda.
(Leningrad—Machinery industry—Technological innovations)

KANTNER, Adalbert, dr.

Role of antigens in the etiology of psoriasis and the mode of action
of aminopterin in its therapy. Orv. hetil. 102 no.12:551-553 19 Mr '61.

1. Allami kórház, Péstany (CSSR). Dermatológiai osztály.

(AMINOPTERIN ther) (PSORIASIS immunol)

KANTNER, V., SCHWARTZ, E.

An attempt to alter the resistance of microorganisms with the aid of mutagens. Cas. lek. cesk. 102 no. 51:1403-1404; 20 D'63.

1. GUMZ-Tnava, nemocnice z poliklinikou Flestany (prednosta: MUDr. E. Wohlstein) a Krajska nemocnice tuberkulozy a chorob plucnich v Podumajskych Biskupiciach, (reditel: MUDr. K. Virsik).

*

KANTNER, V.

Electrometry of skin tumors according to the method of Melczer in comparison with histological and fluorescent examination. Cesk. dermat. 40 no.4:245-252 Ag '65. Cesk. dermat. 40 no.4:245-252 Ag '65.

1. Dermato-venerologicke oddeleni nemocnice s poliklinikou v Piestanech (vedouci MUDr. E. Wohlstein).

KANTNER, V.

Effects of the inhibition of hypophyseal activity with paroxypropione in acne vulgaris. Cesk. dermat. 40 no.5:349-352 0 '65.

1. Derma+o-venerologické oddelení nemocnice s poliklinikou v Píestanech (vedoucí MUDr. E. Wohlstein).

KANTOCH, M.

Poland/Microbiology. Microbes Pathogenic for Man and F
Animals

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57683

Author : ~~Kantoch M.~~ ^{Mieczyslaw} Smolenska Wieslawa

Inst : ~~Not given~~ ^{as p. 2}

Title : Widal's Reaction in Typhoid Fever Patients

Orig Pub : Arch. immunol. i terap. doswiadc., 1956,
(1957) 4, 179-187

Abstract : Typhoid fever patients (112 persons) were administered chloromycetin (1) in doses of 0.5 grams 8 times a day beginning with the 8th to the 12th day (and later) of the disease until 2 to 3 days after the temperature dropped and then in doses of 0.5 g for another 1 to 2 days six times a day. In 17 of the patients the Widal reaction was negative; in 65 of the patients

Card 1/2

V'
KANTOCH, Mirosław.

Selected problems of bacteriophage. Postępy hig. med. dozw. 10
no.1:47-86 1956

(BACTERIOPHAGE,
review (Pol))

KANTOCH, M.

POLAND / Virology. Bacterial Viruses (Bacteriophages).

E-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81200

Author : Kantoeh, Miroslaw

Inst : Not given

Title : Serological Properties of VI-Bacteriophages of the Typhoid Bacillus.

Orig Pub : Arch. Immunol. i terap. doswiadc., 1957, 5, 129-165.

Abstract : A study was conducted of the inactivation kinetics by a specific antiserum and the antigenic specificity of VI-phages, as well as their resistance to phenol. In the serum of typhoid patients, antibodies which inactivate typhoid phages are found in 30% of cases. Similar antibodies are found in the serum of healthy persons and also in the serum of people with other infectious diseases, but only in 3.8% of the 210 individuals investigated. There is no relation between finding of the indicated antibodies and a positive Widal

Card 1/2

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81200

E-1

reaction, which confirms the autonomy of the phage and bacterial antigenic properties. The finding of antibodies cannot serve as a diagnostic indication in findings of typhoid fever. -- From the author's summary.

Card 2/2

Poland/Virology. Bacteria Viruses (Phages)

E

Abs Jour : Ref Zhur-Biol., No 13, 1953, 57331

Author : Kantoeh Miroslaw

Inst : Not given

POLAND/Microbiology - Microorganisms Pathogenic to Humans and Animals F-3

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81467

Author : Bodalski, T., Kantoch, M., Rzadkowska, H.

Inst : -

Title : Antibacterial and Antiphage Activity of Chelidonium Majus L. Alkaloids. Preliminary Report.

Orig Pub: Dissert. pharmac. PAN, 1957, 9, No. 2, 159

Abstract: From the roots of C. majus L. the alkaloids sanguinarin, choletrin, and chelidonin were isolated. A 1:1000 solution of sanguinarin chloride inactivated the phage of B. coli, type I017 in 24 hours in 99% of the cases; a similar solution of choletrin chloride in 8% of the cases. Both alkaloids exerted a similar

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POLAND/Microbiology - Microorganisms Pathogenic to Humans and Animals F-3

Abs Jour: Ref Zhur - Biol., No 18, 1958, 81467

action on phage type T₂, but with prolonged contact. Sanguinarin chloride in the same circumstances acted bacteriostatically on B. coli in dilutions of 1:100,000, choletrin chloride in dilutions of 1:10,000 - 1:100,000, also after 24 hours of contact. Chelidonin chloride had neither a bacteriostatic effect nor antiphage action on B. coli or its phages. -- M.A. Gruzman

Card 2/2

Poland / Virology. Bacterial Viruses (Bacteriophages)

E-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81198

Authors : Bodalski, T.; Kuntoch, M.; Razadkowska, H.

Inst : Polish AS

Title : Antiphage Action of the Alkaloids of Chelidonium Majus L.

Orig Pub : Dissert. pharmac. PAN, 1957, 9, No. 4, 273-286

Abstract : Three alkaloids were isolated in pure form from roots of celandine (*Ch. majus* L): sanguinarin (I), chelerythrine (II) and chelidonin (III). Hydrochloride compounds of I and II were capable of direct irreversible inactivation of coli phages 1017 and T2. For phage 1017, in 24 hours at 37°, I inactivated 99% at a 1:1000 concentration and 51.5% at a 1:10,000 concentration; II inactivated 87.5% of the phage at a 1:1000 concentration and 21% at a 1:10,000 concentration. I and II had a lesser effect on phage T2. III hydrochloride exerted no antiphage activity even at a 1:500 dilution. The

Card 1/2

POLAND / Virology. Bacterial Viruses (Bacteriophages).

E-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, No 81198

hydrochloride compounds of I and II also exerted antibacterial properties and inhibited coli even at dilutions of 1:100,000. The authors ascribe the antiphage activity of these alkaloids to the -naphthaphenanthidine ring which they contain. --
From the authors' summary.

Card 2/2

1

KANTOCH, Mironlaw, SKURSKI, Adam, WIECZOREK, Zbigniew

Inhibition of phagocytosis in vitro with the aid of bacteriophages.
Postepy hig. med. dosw. 12 no.1:95-96 1958

1. Instytut Immunologii i Terapii Doswiadczałnej PAN im. Ludwika
Hirssefelda. Dział Wirusologii i Dział Bakteriologii i Antybiotyków.
Adres: Wrocław, ul. Chalubinskiego 4)

(PHAGOCYTOSIS,

inhib.by bacteriophages in vitro (Pol))

(BACTERIOPHAGES,

phagocytosis inhib. in vitro (Pol))

KANTOCH, Moroslaw, MORDARSKI, Marian

Binding of bacterial viruses by tumor cells in vitro. Postepy hig.dosw.
12 no.2:191-192 1958

1. Instytut Immunologii i Terapii Doświadczalnej PAN im. Ludwika
Hirsfelda Dział Wirusologii oraz Dział Bakteriologii i Antybiotyków.,
Wrocław, ul. Chalubińskiego 4.

(BACTERIOPHAGE,

binding of tumor cells in vitro (Pol))

(NEOPLASM,

binding by bacteriophage of tumor cells in vitro (Pol))

KANTOCH, Miroslaw

"Phagocytosis of Escherichia coli Protoplasts" is the title of an article appearing in the 27 June 1959 issue of Nature; the authors of the article are Jozef LISOWSKI, Zbigniew WIECZOREK and Miroslaw KANTOCH, of the PAN Ludwik Hirszfeld Inst. of Immunology and Experimental Therapy in Wroclaw.

KASTOCH, Mirosław; DUBOWSKA-INGLOF, Anna

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